

### GENERAL NOTES

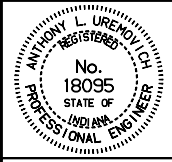
1. A minimum of three 2' conduit inlets shall be installed per foundation.
2. Conduit inlet not used shall be capped below grade. More inlets shall be installed as required on plans.
3. Foundation types P-1 and M shall conform to all minor differences of individual designs for all accepted cabinets.
4. The ground rod for the M, P-1, and A foundations may be installed inside the foundations as shown if there is a minimum length of 8 ft protruding from the bottom of the foundation. If the ground rod is installed outside the foundation it shall be 8 ft long. The ground wire shall be brought through the foundation via  $\frac{3}{8}$ " conduit elbow or straight section installed at an angle.
5. A round foundation may be supplied in lieu of the square type A or signal mast arm foundations.  
Use the following equivalents:  
2'-0 square = 2'-6 round  
2'-6 square = 3'-0 round  
3'-0 square = 3'-6 round

### MAST ARM POLE AND STEEL STRAIN POLE FOUNDATION DATA

SIGNAL MAST ARM						
①	<u>LENGTH OF MAST ARM</u>	A	B	C	D	E
	12', 15', 20', 25'	2'-6	6'-0	6'- $\frac{1}{4}$ "	1'-3	1'- $\frac{1}{4}$ " x 4'-0
	30', 35', 40' ALL TWIN M.A.	3'-0	7'-0	6'- $\frac{1}{4}$ "	1'-3	1'- $\frac{1}{4}$ " x 4'-0
	<u>SIGN MAST ARM</u>					
	<u>Length of Mast Arm</u>					
	18' or 22'	3'-0	8'-0	6'- $\frac{1}{4}$ "	1'- $\frac{1}{2}$ "	1'- $\frac{1}{2}$ " x 5'-0
②	<u>STEEL STRAIN POLE</u>					
	<u>Size</u>					
	12" x 24"	3'-0	8'-0	5'- $\frac{3}{4}$ "	1'-4	1'- $\frac{3}{4}$ " x 7'-6
	15" x 30"	3'-0	12'-0	7'- $\frac{3}{4}$ "	1'-10	2'- $\frac{1}{4}$ " x 7'-6
	COMBINATION POLE (With Luminaire)	3'-0	8'-0	6'- $\frac{1}{4}$ "	1'-3	1'- $\frac{1}{4}$ " x 4'-0

① Four #3 reinforcing bars of 7'-6 length required  
approximately 4 in. from outside surface of concrete.

② Dimension A denotes the diameter of the foundation.  
The steel strain pole shall be 3'-0 round.

INDIANA DEPARTMENT OF TRANSPORTATION									
FOUNDATION DATA AND GENERAL NOTES									
JANUARY 2000									
STANDARD DRAWING NO. E 805-SGMA-07									
	<table><tr><td>/s/ Anthony L. Uremovich</td><td>1-03-00</td></tr><tr><td>DESIGN STANDARDS ENGINEER</td><td>DATE</td></tr><tr><td>/s/ Firooz Zandi</td><td>1-03-00</td></tr><tr><td>CHIEF HIGHWAY ENGINEER</td><td>DATE</td></tr></table>	/s/ Anthony L. Uremovich	1-03-00	DESIGN STANDARDS ENGINEER	DATE	/s/ Firooz Zandi	1-03-00	CHIEF HIGHWAY ENGINEER	DATE
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